

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A laser beam machine for processing an article to be processed with a laser beam from a processing scanner comprised of an optical system employing a laser oscillator, comprising:

(a) a processing scanner, which comprises:

a beam-scanning mechanism, said beam-scanning mechanism including a Z-scan unit and an X-Y scan unit, said Z-scan unit including a focusing lens which focuses a laser beam and is movable in a direction parallel with a Z axis, and said X-Y scan unit including a pivotable scanning mirror for performing scanning with said scanning mirror pivotally rotating about an X axis parallel with said Z axis and about an Y axis perpendicular to said X axis; and

a tilt mechanism for pivotally rotating said X-Y scan unit about said X axis; and

said laser beam machine comprising (b) two article position controllers for controlling in a coordinated manner the position of a mounted article to be processed in accordance with the direction of the laser beam from said processing scanner, said article position controllers being disposed in the irradiation path of the laser beam from said X-Y scan unit which is positioned at a pivot end of said tilt mechanism, and

wherein a focal point of said laser beam is a processing spot, a transfer range of said focal point being changed by said tilt mechanism, and said article position

controllers being disposed substantially symmetrically with respect to the center of the transfer range of said focal point, wherein said article position controllers are disposed substantially symmetrically with respect to the center of the range of movement of a processing spot upon which the laser beam is focused.

Claim 2 (canceled).

Claim 3 (currently amended) The laser beam machine according to claim 1[[2]], wherein said two article position controllers are each comprised of a triaxial positioner having three rotational axes, wherein the first axes of said article position controllers are inclined and disposed opposite to each other, and wherein the position of a surface to be processed of said article to be processed is controlled to be nearly perpendicular to said laser beam.

Claim 4 (original) The laser beam machine according to claim 3, wherein said triaxial positioners are constructed such that the centers of rotation of said three axes are concentrated at a single point.

Claim 5 (canceled).